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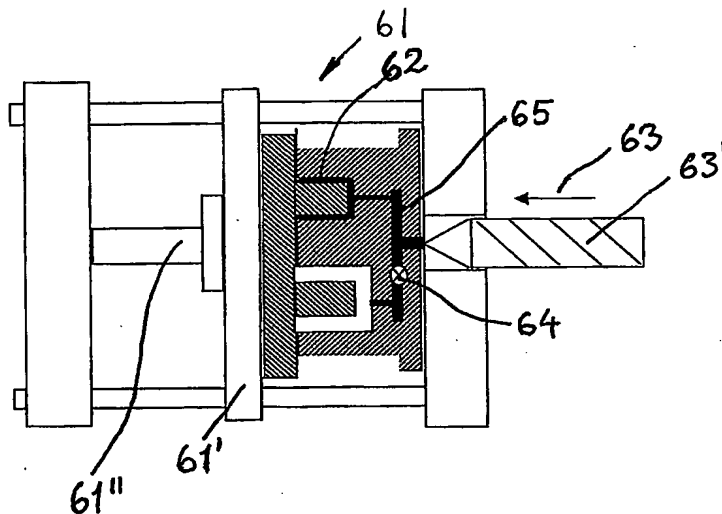
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(54) Title: CONTAINER FOR LONG-TERM STORAGE OF RADIOACTIVE MATERIAL, AND METHOD AND APPARATUS FOR MANUFACTURING THE CONTAINER



(57) Abstract: A long-term storage container (1) for storage of radioactive material to inhibit radioactive radiation therefrom to the outside of the container, the top of said container to be closed by a screw-on radioactive radiation inhibiting lid- (7), said container having an integral inner container part (2; 34; 62; 62') of a first material, e.g. plastic material, an integral outer container part (3; 43; 69) of a second material, e.g. plastic material, and radioactive radiation inhibiting material (4; 38; 68) in an inter-space between the walls and bottoms of said inner and outer container parts. To fill the inter-space an inter-space container part (4; 38; 68) is integrally moulded through injection or pressure moulding and then fitted onto the inner container

part (2; 34; 62; 62') to subsequently mould the outer container part (3; 43; 69) onto the outside of the inter-space container part (4; 38; 68). A specially made container lid (7) is provided. A preferred twin-mould moulding apparatus (61) provides for simultaneous pre-casting of the inner container part (62') and the outer container part (69) in a respective mould of the apparatus.

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